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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/033,292	10/25/2001	Takahiko Tsujisawa	15023	8192

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EXAMINER

TRAN, AMY

ART UNIT	PAPER NUMBER
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2157

DATE MAILED: 02/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/033,292	TSUJISAWA, TAKAHIKO	
	Examiner	Art Unit	
	Amy Tran	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on October 25, 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to the application filed on October 25, 2001. Claims 1-10 are pending examination. Claims 1-10 represent mobile computing service system.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Sehr US Patent 6,609,658.

As to claim 1, Sehr teaches a mobile computing service system (fig 1) which comprised of:

a server computer providing prescribed services (fig 1, column 4 line 58 – column 5 line 7, the service provider 3 represent the service entities including individuals that support the card's usage and the system' s operation), a data transmission network and a first work computer for receiving provision of prescribed services from said server computer via said network as well as one or multiple second work computers connected to said server computer via said network (fig 1, column 7 lines 19-27, the components

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including card station which is read as first work computer are connected via a global communication link to the rest of system entities);

wherein said first work computer provides an attachable mobile media for housing encrypted personal verification information and the programs required for operating the appropriate work computer, provides a transmission means for connecting to said server computer via said network and provides a central processing part for accessing said server computer through said transmission means and performing forwarding and reception processes (fig 1, fig 2, column 5 line 15 - column 6 line 55, column 18 line 61 – column 19 line 37, passenger card which is an attachable mobile media can store security information for protecting the card content and data can be encrypted via a cryptographic key by the sender before being communicated to a particular entity);

wherein said server computer provides at least a registration part for registering personal verification information uploaded from said first work computer via said data transmission network (column 4 lines 30-47, column 18 line 61-column 20 line 2, upload data from passenger card which to provider via communication links);

wherein said second work computer provides a transmission means for connecting to said server computer via said data transmission network, provides a registering part for registering personal verification information uploaded from said server computer and provides a central processing part for reading out necessary programs from said mobile media, accessing said server computer through said transmission means and performing forwarding and reception processes when said

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mobile media is attached (fig 1, fig 2, column 4 lines 48- 57, column 7 line 28- column 9 line 22, travel center 2 provides computerized means for compilation and automated issuance of passenger card which is mobile media, means for loading into card data information and means for connecting to provider);

wherein personal verification information is sent from said first work computer via said server computer to said second work computer (fig 1, column 3 line 61 – column 4 line 4, communicating passenger card data and related information between and among the system entities);

wherein said second work computer stores personal verification information received, and when the mobile media detached from the first work computer is attached, collates personal verification information stored in said mobile media and performs verification processes, reads out programs stored in said mobile media based on verification results, and is set to provide the same environment in that second work computer as existed in the first work computer (fig 2, column 4 lines 48- 57, column 7 line 28- column 9 line 22, the travel center provides the computerized means for utilizing passenger card which is multi-application mobile media for plurality of network services and database that stores authenticity files and identification of the passenger card).

As to claim 2, Sehr teaches a mobile computing service system of claim 1 wherein said server computer provides a database for storage of registered information comprised of the locations in which said one or multiple second work computers that are

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registered are placed and the times they are available for use, and forwards personal verification information on a user with a reservation and information on the reservation to the appropriate second work computer as the information registered in the database is referenced through the first work computer and the second work computer is reserved (fig 1, column 4 line 58 – column 5 line 7, service provider which is read as server computer represent the service entities including individuals that support the passenger card 's usage).

As to claim 3, Sehr teaches a mobile computing service system of claim 1 wherein said server computer accepts reservations for the use of said second work computer only in respect of registered members who have paid membership fees in advance and forwards said personal verification information and reservation information to the appropriate second work computer (column 4 line 31 – column 6 line 19, service provider which is server computer accepts reservation information from card station 1).

As to claim 4, Sehr teaches a mobile computing service system of claim 1, wherein said first work computer said second work computer and said server computer have a means for encryption/decryption of the same format, encrypt personal verification information and reservation information forwarded, and decrypt information received (column 18 line 4 – column 19 line 37).

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As to claim 5, Sehr teaches a mobile computing service system of claim 1 wherein said first work computer and/or said second work computer fitted with said mobile media, boot from said mobile media (column 4 lines 31-57, column 7 line 28 – column 11 line 5, card station 1 which is read as first work computer and computerized means of the travel center are used to utilized passenger card which is mobile media for network services).

As to claim 6, Sehr teaches a mobile computing service system of claim 1 wherein said mobile media provides a magnetic disk part and a controller for controlling the processes for writing in and reading out data of said magnetic disk part (column 6 lines 19-43, passenger card which is mobile media can include personal computer card formats, handheld terminals or any pocket-sized computer configurations and can therefore input, store process, output and display data information).

As to claim 7, Sehr teaches a mobile computing service system of claim 1 wherein said second work computer provides an input means for inputting personal verification information and performs verification processes based on personal verification information stored in said mobile media as well as processes for the verification of a user through verification processes based on personal verification information input through said input means (fig 2, column 4 lines 48 – 57, column 8 line 62 – column 9 line 22, the travel center 2 has user interface module 21 which allows passenger to interact with the travel center, to execute the arithmetic and logical

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functions required for the compilation of the passenger card contents; various means to select instructions, input or output data, such as keyboard, mouse, or wireless communication technologies, can be used).

As to claim 8, Sehr teaches a mobile computing service system of claim 1 wherein said second work computer comprises two work computers connected by a data transmission network, one of which computers should be connected to said server computer via said data transmission network and control forwarding processes of data between the other work computer and said server computer (fig 2, column 7 line 28 – column 13 line 40, the passenger station 31 is a second work computer that controls access to the transportation carriers, as well as monitors possible connection relating to a particular travel itinerary including alternative transportation means).

As to claim 9, Sehr teaches a mobile service system according to claim 1 wherein said second work computer deletes said personal verification information from a storage part at the point at which the work processes of the appropriate second work computer finish and delivers information about usage like the usage commencement and completion times to said server computer and wherein said server computer calculates the usage based on the information about usage thus received (column 40 line 52 – column 41 line 9, after appropriate payment is sent to hotel provider which is computer server compile and calculates the usage based on the payment information received, stored card-based data key is deleted).

As to claim 10, Sehr teaches a mobile computing service system of claim 1 wherein said server computer post notice concerning things like the location of said second computer and processes collection of notice fees from a service company providing said second work computer (column 21 lines 25-31, admission or services facilitated via the passenger card can be provided by service providers over the World-Wide-Web infrastructure).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

-Koenck et al. US Patent 6,714,983 discloses modular, portable data processing terminal for use in a communication network.

-Kleinrock et al. US Patent 5,936,542 discloses convention ID Badge system.

-de la Hueraga US Patent 5,960,085 discloses security badge for automated access control and secure data gathering.

-Pang et al. US Patent 6,804,718 discloses computing system and method for migrating a mobile computing environment.

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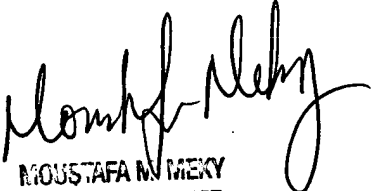
Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Amy Tran whose telephone number is (571) 272-4243. The examiner can normally be reached on M-F from 8:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

at
2/14/05


MOSTAFA M. MEKY
PRIMARY EXAMINER